

RRRRRRRRRRRR		UUU	UUU	NNN	NNN	000000000	FFFFFFFFFFFFFF	FFFFFFFFFFFFFF
RRRRRRRRRRRR		UUU	UUU	NNN	NNN	000000000	FFFFFFFFFFFFFF	FFFFFFFFFFFFFF
RRRRRRRRRRRR		UUU	UUU	NNN	NNN	000000000	FFFFFFFFFFFFFF	FFFFFFFFFFFFFF
RRR	RRR	UUU	UUU	NNN	NNN	000	FFF	FFF
RRR	RRR	UUU	UUU	NNN	NNN	000	FFF	FFF
RRR	RRR	UUU	UUU	NNN	NNN	000	FFF	FFF
RRR	RRR	UUU	UUU	NNNNNN	NNN	000	FFF	FFF
RRR	RRR	UUU	UUU	NNNNNN	NNN	000	FFF	FFF
RRR	RRR	UUU	UUU	NNNNNN	NNN	000	FFF	FFF
RRRRRRRRRRRR		UUU	UUU	NNN	NNN	000	FFFFFFFFFFFFFF	FFFFFFFFFFFFFF
RRRRRRRRRRRR		UUU	UUU	NNN	NNN	000	FFFFFFFFFFFFFF	FFFFFFFFFFFFFF
RRRRRRRRRRRR		UUU	UUU	NNN	NNN	000	FFFFFFFFFFFFFF	FFFFFFFFFFFFFF
RRR	RRR	UUU	UUU	NNN	NNNNNN	000	FFF	FFF
RRR	RRR	UUU	UUU	NNN	NNNNNN	000	FFF	FFF
RRR	RRR	UUU	UUU	NNN	NNNNNN	000	FFF	FFF
RRR	RRR	UUU	UUU	NNN	NNN	000	FFF	FFF
RRR	RRR	UUU	UUU	NNN	NNN	000	FFF	FFF
RRR	RRR	UUU	UUU	NNN	NNN	000	FFF	FFF
RRR	RRR	UUU	UUU	NNN	NNN	000	FFF	FFF
RRR	RRR	UUUUUUUUUUUUUUUU	NNN	NNN	000000000	FFF	FFF	
RRR	RRR	UUUUUUUUUUUUUUUU	NNN	NNN	000000000	FFF	FFF	
RRR	RRR	UUUUUUUUUUUUUUUU	NNN	NNN	000000000	FFF	FFF	

RTI
VOM

.....

```

RRRRRRRR      SSSSSSSS  KK      KK      IIIIII  PPPPPPPP  SSSSSSSS
RRRRRRRR      SSSSSSSS  KK      KK      IIIIII  PPPPPPPP  SSSSSSSS
RR      RR  SS      KK      KK      II      PP      PP  SS
RR      RR  SS      KK      KK      II      PP      PP  SS
RR      RR  SS      KK      KK      II      PP      PP  SS
RR      RR  SS      KK      KK      II      PP      PP  SS
RRRRRRRR      SSSSSS    KKKKKK      II      PPPPPPPP  SSSSSS
RRRRRRRR      SSSSSS    KKKKKK      II      PPPPPPPP  SSSSSS
RR      RR  SS      KK      KK      II      PP      SS
RR      RR  SS      KK      KK      II      PP      SS
RR      RR  SS      KK      KK      II      PP      SS
RR      RR  SS      KK      KK      II      PP      SS
RR      RR  SSSSSSSS  KK      KK      IIIIII  PP      SSSSSSSS
RR      RR  SSSSSSSS  KK      KK      IIIIII  PP      SSSSSSSS

```

```

LL               IIIIII      SSSSSSSS
LL              IIIII       SSSSSSSS
LL             II         SS
LL            II          SS
LL           II           SS
LL          II            SS
LL         II             SS
LL        II              SSSSSS
LL       II               SSSSSS
LL      II                SS
LL     II                 SS
LL    II                  SS
LL   II                   SS
LLLLLLLLLLLLLLL      IIIIII      SSSSSSSS
LLLLLLLLLLLLLLL      IIIIII      SSSSSSSS

```

Eat tabs and spaces.

L 12
16-Sep-1984 01:40:56
14-Sep-1984 13:07:57

VAX-11 Bliss-32 V4.0-742
[RUNOFF.SRC]RSKIPS.BLI;1

Page 1
(1)

```
0001 0 XTITLE 'Eat tabs and spaces.'  
0002 0 MODULE rskips ( IDENT = 'V04-000'  
P 0003 0 %BLISS32 [ , ADDRESSING_MODE (EXTERNAL = LONG_RELATIVE,  
0004 0 NONEXTERNAL = LONG_RELATIVE)  
0005 0 ) =  
0006 1 BEGIN  
0007 1  
0008 1 *****  
0009 1 *  
0010 1 * COPYRIGHT (c) 1978, 1980, 1982, 1984 BY *  
0011 1 * DIGITAL EQUIPMENT CORPORATION, MAYNARD, MASSACHUSETTS. *  
0012 1 * ALL RIGHTS RESERVED. *  
0013 1 *  
0014 1 * THIS SOFTWARE IS FURNISHED UNDER A LICENSE AND MAY BE USED AND COPIED *  
0015 1 * ONLY IN ACCORDANCE WITH THE TERMS OF SUCH LICENSE AND WITH THE *  
0016 1 * INCLUSION OF THE ABOVE COPYRIGHT NOTICE. THIS SOFTWARE OR ANY OTHER *  
0017 1 * COPIES THEREOF MAY NOT BE PROVIDED OR OTHERWISE MADE AVAILABLE TO ANY *  
0018 1 * OTHER PERSON. NO TITLE TO AND OWNERSHIP OF THE SOFTWARE IS HEREBY *  
0019 1 * TRANSFERRED. *  
0020 1 *  
0021 1 * THE INFORMATION IN THIS SOFTWARE IS SUBJECT TO CHANGE WITHOUT NOTICE *  
0022 1 * AND SHOULD NOT BE CONSTRUED AS A COMMITMENT BY DIGITAL EQUIPMENT *  
0023 1 * CORPORATION. *  
0024 1 *  
0025 1 * DIGITAL ASSUMES NO RESPONSIBILITY FOR THE USE OR RELIABILITY OF ITS *  
0026 1 * SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL. *  
0027 1 *  
0028 1 *  
0029 1 *****  
0030 1  
0031 1  
0032 1 ++  
0033 1 FACILITY: DSR (Digital Standard RUNOFF) / DSRPLUS  
0034 1  
0035 1 ABSTRACT: Skips spaces and tabs, stopping when something else is found.  
0036 1  
0037 1 ENVIRONMENT: Transportable  
0038 1  
0039 1 AUTHOR: R.W.Friday CREATION DATE: May, 1978  
0040 1
```


RSKIPS
V04-000

Eat tabs and spaces.
Revision History

M 12
16-Sep-1984 01:40:56
14-Sep-1984 13:07:57

VAX-11 Bliss-32 V4.0-742
[RUNOFF.SRC]RSKIPS.BLI;1

Page 2
(2)

42	0041	1	XSBTTL 'Revision History'
43	0042	1	MODIFIED BY:
44	0043	1	
45	0044	1	007 REM00007 Ray Marshall 17-November-1983
46	0045	1	Add Hex FF to the list of characters to be eaten.
47	0046	1	
48	0047	1	006 RER00006 Ron Randall 24-May-1983
49	0048	1	Added line to reset sca_word_set at this word boundary.
50	0049	1	Previously, some combinations of text followed by a command
51	0050	1	were causing improper handling of uppercase flags.
52	0051	1	
53	0052	1	005 KAD00005 Keith Dawson 13-Mar-1983
54	0053	1	Fixed REQUIRE/LIBRARY declarations: RNODEF was never called in.
55	0054	1	
56	0055	1	004 REM00004 Ray Marshall 07-Mar-1983
57	0056	1	Global edit of all modules. Updated module names, idents,
58	0057	1	copyright dates. Changed require files to BLISS library.
59	0058	1	--
60	0059	1	

RSKIPS
V04-000

Eat tabs and spaces.
Module Level Declarations

N 12
16-Sep-1984 01:40:56
14-Sep-1984 13:07:57

VAX-11 Bliss-32 V4.0-742
[RUNOFF.SRC]RSKIPS.BLI;1

Page 3
(3)

```

: 62      0060 1  %SBTTL 'Module Level Declarations'
: 63      0061 1  |
: 64      0062 1  | INCLUDE FILES:
: 65      0063 1  |
: 66      0064 1  | LIBRARY 'NXPORT:XPORT';
: 67      0065 1  | REQUIRE 'REQ:RNODEF';
: 68      0196 1  |
: 69      U 0197 1  %IF DSRPLUS %THEN
: 70      U 0198 1  | LIBRARY 'REQ:DPLLIB';
: 71      0199 1  | %ELSE
: 72      0200 1  | LIBRARY 'REQ:DSRLIB';
: 73      0201 1  | %FI
: 74      0202 1  |
: 75      0203 1  |
: 76      0204 1  | EXTERNAL REFERENCES:
: 77      0205 1  |
: 78      0206 1  | EXTERNAL
: 79      0207 1  |     khar,
: 80      0208 1  |     sca : sca_definition;
: 81      0209 1  |
```

! XPORT Library
! RUNOFF variant definitions

! DSRPLUS BLISS Library

! DSR BLISS Library

```
83 0210 1 %SBTTL 'RSKIPS'
84 0211 1 GLOBAL ROUTINE rskips (ira) : NOVALUE =
85 0212 1
86 0213 1 ++
87 0214 1 FUNCTIONAL DESCRIPTION:
88 0215 1
89 0216 1     Skips tabs and spaces until a character is found that is neither.
90 0217 1
91 0218 1 FORMAL PARAMETERS:
92 0219 1
93 0220 1     IRA is the string that is to be scanned.
94 0221 1
95 0222 1 IMPLICIT INPUTS:      None
96 0223 1
97 0224 1 IMPLICIT OUTPUTS:     None
98 0225 1
99 0226 1 ROUTINE VALUE:
100 0227 1 COMPLETION CODES:     None
101 0228 1
102 0229 1 SIDE EFFECTS:          Turns off capitalize flag.
103 0230 1 --
104 0231 1
105 0232 1 BEGIN
106 0233 1 MAP
107 0234 1     ira : REF fixed_string;
108 0235 1
109 0236 1 WHILE (.khar EQL %C' ')
110 0237 1     OR (.khar EQL %O'011')
111 0238 1     OR (.khar EQL 0)
112 0239 1     OR (.khar EQL %O'177')
113 0240 1     OR (.khar EQL %X'FF')
114 0241 1 DO
115 0242 1     kcns ();
116 0243 1
117 0244 1 sca_word_set = false;
118 0245 1 END;
```

```
! space
! tab
! null
! rubout
! "undefined" 8-bit character
! Turn off capitalize flag.
! End of RSKIPS
```

```
.TITLE RSKIPS Eat tabs and spaces.
.IDENT \V04-000\
.EXTRN KHAR, SCA, RINTES
.PSECT $CODE$,NOWRT,2
```

```
000C 00000
53 00000000G EF 9E 00002
51 04 AC D0 00009
52 0C A1 9E 0000D
50 63 D0 00011 1$:
20 50 D1 00014
1B 13 00017
09 50 D1 00019
16 13 0001C
50 D5 0001E
12 13 00020
0000007F 8F 50 D1 00022
```

```
.ENTRY RSKIPS, Save R2,R3
MOVAB KHAR, R3
MOVL IRA, R1
MOVAB 12(R1), R2
MOVL KHAR, R0
CMPL R0, #32
BEQL 2$,
CMPL R0, #9
BEQL 2$,
TSTL R0
BEQL 2$,
CMPL R0, #127
```

```
: 0211
: 0242
: 0236
: 0237
: 0238
: 0239
```



```
000000FF 8F      09 13 00029 BEQL 2$
                  50 D1 0002B CMPL R0, #255
                  18 12 00032 BNEQ 4$
                  62 D5 00034 2$: TSTL (R2)
                  09 14 00036 BGTR 3$
                  63 00G 8F 9A 00038 MOVZBL #RINTES, KHAR
                  62 01 CE 0003C MNEGL #1, (R2)
                  63 04 B1 9A 00041 3$: MOVZBL @4(R1), KHAR
                  04 04 A1 D6 00045 INCL 4(R1)
                  62 D7 00048 DECL (R2)
                  C5 11 0004A BRB 1$
                  00000000G EF D4 0004C 4$: CLRL SCA+96
                  04 00052 RET
```

```
: 0240
: 0242
:
:
:
:
: 0244
: 0245
```

; Routine Size: 83 bytes, Routine Base: \$CODE\$ + 0000

```
: 119      0246 1
: 120      0247 1 END
: 121      0248 0 ELUDOM
:                                     ! End of module
```

PSECT SUMMARY

Name	Bytes	Attributes
\$CODE\$	83	NOVEC,NOWRT, RD , EXE,NOSHR, LCL, REL, CON,NOPI,ALIGN(2)

Library Statistics

File	----- Total	Symbols Loaded	----- Percent	Pages Mapped	Processing Time
\$255\$DUA28:[SYSLIB]XPORT.L32;1	590	0	0	252	00:00.1
\$255\$DUA28:[RUNOFF.SRC]DSRLIB.L32;1	1248	11	0	86	00:00.3

COMMAND QUALIFIERS

```
:
: BLISS/CHECK=(FIELD,INITIAL,OPTIMIZE)/LIS=LIS$:RSKIPS/OBJ=OBJ$:RSKIPS MSRC$:RSKIPS/UPDATE=(ENH$:RSKIPS)
: Size:      83 code + 0 data bytes
: Run Time:  00:03.0
: Elapsed Time: 00:11.3
```

RSKIPS
V04-000

Eat tabs and spaces.
RSKIPS

D 13
16-Sep-1984 01:40:56

VAX-11 Bliss-32 V4.0-742

Page 6

; Lines/CPU Min: 4960
; Lexemes/CPU-Min: 11500
; Memory Used: 34 pages
; Compilation Complete

RTE
V04

0348 AH-BT13A-SE
VAX/VMS V4.0

DIGITAL EQUIPMENT CORPORATION
CONFIDENTIAL AND PROPRIETARY

RNODEF
LIS

RNOUMS
LIS

RNODAT
LIS

RNOURS
LIS

RNFERM
LIS

RSDERM
LIS

RTERM
LIS

RUNOFF
LIS

RSKIPS
LIS

SAURES
LIS